

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS : Minoru KAWASAKI, et al.  
 SERIAL NO. : (Natl. Phase of PCT/JP2004/018870)  
 FILED : (Herewith)  
 FOR : WEAR-RESISTANT COPPER-BASED ALLOY  
 GROUP ART UNIT : (Unassigned)  
 Examiner : (Unassigned)

**INFORMATION DISCLOSURE STATEMENT****COMMISSIONER FOR PATENTS**

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 401 Dulany Street  
 Alexandria, VA 22314

Sir:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). The paragraphs marked below are applicable. It is believed that no fees other than those indicated below are due, but authorization is hereby given to charge any additional fees due, or to credit any overpayment, to deposit account 11-0600.

☒ 1. This Information Disclosure Statement is being filed (a) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. § 1.53(d), (b) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, (c) before the mailing date of a first Office Action on the merits in the present application, OR (d) before the mailing of a first office action after filing of a request for continued examination. No certification or fee is required.

☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a final action, Notice of Allowance, or any action that otherwise closes prosecution.

☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a

foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).

☐ b. I hereby certify that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

☐ c. Please debit Deposit Account No. 11-0600 in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p) to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached. 37 CFR §1.97(c)(2).

☐ 3. This Information Disclosure Statement is being filed after the mailing date of a final action, Notice of Allowance or an action that otherwise closes prosecution, but before payment of the Issue Fee. Applicant(s) hereby request(s) that the Information Disclosure Statement be considered. Please debit Deposit Account No. 11-0600 in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(p) to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.

☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).

☐ b. I hereby certify that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

☐ 4. Relevance of the non-English language reference(s) is discussed in the present specification.

☐ 5. The reference(s) was/were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

☐ 6. A concise explanation of the relevance of the non-English language reference(s) appears in the Appendix attached hereto.

☐ 7. The Examiner's attention is directed to co-pending U.S. Patent Application No. \_\_\_\_\_, filed \_\_\_\_\_, which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider

the cited application and the art cited therein during examination of the present application.

- ☐ 8. This application is one of a series of related applications, identified in the attached Appendix, which are directed to related technical subject matter. The identification of those U.S. Patent Applications is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during the examination.
- ☐ 9. The reference(s) was/were cited by or submitted to the Office in parent application No. \_\_\_\_\_ filed \_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).
- ☒ 10. English-language Abstracts are attached to the non-English language references.
- ☒ 11. No copies of U.S. references are required.
- ☒ 12. Other: Seven of the references were cited in the International Search Report, a copy of which is enclosed together with the Written Opinion of the International Searching Authority.

**Statement of Related Patents**

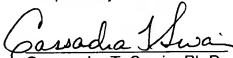
This application is related to the following US Patents which are assigned to the assignee of the present application:

U.S. Patent No. 5,843,243 issued 12/01/98

U.S. Patent No. 5,188,799 issued 02/23/93

U.S. Patent No. 5,004,581 issued 04/02/91.

Respectfully submitted,

  
Cassandra T. Swain, Ph.D.  
Reg. No. 48,361

Date: 25 May 2006

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
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Application Number	(Natl. Phase of PCT/JP04/18870)
Filing Date	(Herewith) 5/25/06
First Named Inventor	Minoru KAWASAKI
Art Unit	(Unassigned) 1793
Examiner Name	(Unassigned) S. IP
Attorney Docket Number	77724/6

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)					
/S.I./	1	JP 08-225868		09/03/96	TOYOTA MOTOR CORP et al.	= US 5,843,243	ABS
/S.I./	2	JP 04-297536		10/21/92	TOYOTA MOTOR CORP et al.	= US 5,188,799	ABS
/S.I./	3	JP 03-087327		04/12/91	TOYOTA MOTOR CORP	= US 5,004,581	ABS
/S.I./	4	EP 0 727 501 A1		08/21/96	TOYOTA JIDOSHA KK et al.		
/S.I./	5	EP 1 361 288 A1		11/12/03	TOYOTA JIDOSHA KK		
/S.I./	6	EP 0 320 195 A1		06/14/89	TOYOTA JIDOSHA KK		
/S.I./	7	EP 0 505 172 A1		09/23/92	KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO		ABS
/S.I./	8	EP 0 939 139 A2		09/01/99	NISSAN MOTOR CO LTD		
/S.I./	9	JP 2001-105177 A		04/17/01	TOYOTA MOTOR CORP		

Examiner Signature	/Sikyln lp/	Date Considered	06/22/2008
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). [See Kinds and Classes section of the Manual of Patent Examining Procedure (MPEP) 608.01(a), 608.01(b), 608.01(c), 608.01(d), 608.01(e), 608.01(f), 608.01(g), 608.01(h), 608.01(i), 608.01(j), 608.01(k), 608.01(l), 608.01(m), 608.01(n), 608.01(o), 608.01(p), 608.01(q), 608.01(r), 608.01(s), 608.01(t), 608.01(u), 608.01(v), 608.01(w), 608.01(x), 608.01(y), 608.01(z), 608.01(aa), 608.01(ab), 608.01(ac), 608.01(ad), 608.01(ae), 608.01(af), 608.01(ag), 608.01(ah), 608.01(ai), 608.01(aj), 608.01(ak), 608.01(al), 608.01(am), 608.01(an), 608.01(ao), 608.01(ap), 608.01(aq), 608.01(ar), 608.01(as), 608.01(at), 608.01(au), 608.01(av), 608.01(aw), 608.01(ax), 608.01(ay), 608.01(az), 608.01(ba), 608.01(bb), 608.01(bc), 608.01(bd), 608.01(be), 608.01(bf), 608.01(bg), 608.01(bh), 608.01(bi), 608.01(bj), 608.01(bk), 608.01(bl), 608.01(bm), 608.01(bn), 608.01(bo), 608.01(bp), 608.01(bq), 608.01(br), 608.01(bs), 608.01(bt), 608.01(bu), 608.01(bv), 608.01(bw), 608.01(bx), 608.01(by), 608.01(bz), 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